

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/538,410
Source: PCT
Date Processed by STIC: 03/14/2006

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/538,410

DATE: 03/14/2006
TIME: 10:38:24

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\03142006\J538410.raw

3 <110> APPLICANT: Keio University
 5 <120> TITLE OF INVENTION: PROTEIN FORMING COMPLEX WITH c-Fos PROTEIN, NUCLEIC ACID
 ENCODING THE
 6 SAME AND METHOD OF USING THE SAME
 8 <130> FILE REFERENCE: P393-OP1718
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/538,410
 C--> 10 <141> CURRENT FILING DATE: 2005-06-10
 10 <150> PRIOR APPLICATION NUMBER: JP 2002-360046
 11 <151> PRIOR FILING DATE: 2002-12-11
 13 <160> NUMBER OF SEQ ID NOS: 191
 15 <170> SOFTWARE: PatentIn version 3.0
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 184
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Mus musculus
 22 <400> SEQUENCE: 1
 23 Met Pro Leu Arg His Leu Ala Asp Arg Leu Gly His Leu Ala Asp Arg
 24 1 5 10 15
 25 Leu Arg His Leu Thr Asp Arg Leu Arg His Leu Ala Asp Arg Leu Arg
 26 20 25 30
 27 His Leu Thr Asp Arg Leu Arg His Leu Ala Asp Arg Leu Arg His Leu
 28 35 40 45
 29 Ala Asp Arg Leu Lys His Leu Thr Ser Arg Leu Gly His Leu Thr Asp
 30 50 55 60
 31 Arg Ser Trp His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu
 32 65 70 75 80
 33 Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Gln Arg Tyr
 34 85 90 95
 35 Leu Ala Asp Arg Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr
 36 100 105 110
 37 Asp Arg Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg
 38 115 120 125
 39 Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu Met
 40 130 135 140
 41 His Leu Thr Asp Arg Leu Arg His Leu Ala Asp Arg Gln Arg His Leu
 42 145 150 155 160
 43 Ala Asp Arg Gln Arg His Leu Ala Asp Arg Leu Arg His Leu Ala Asp
 44 165 170 175
 45 Lys Leu Arg His Gln Leu Gln Leu
 46 180
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 55
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Mus musculus

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53 <400> SEQUENCE: 2
54 Asp Lys Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg
55 1 5 10 15
56 Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu Met
57 20 25 30
58 His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu Arg His Leu
59 35 40 45
60 Ala Asp Arg Gln Arg His Asp
61 50 55
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 55
65 <212> TYPE: PRT
66 <213> ORGANISM: Mus musculus
68 <400> SEQUENCE: 3
69 Asp Arg Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg
70 1 5 10 15
71 Leu Arg His Leu Thr Asp Arg Leu Gly His Val Thr Asp Arg Leu Met
72 20 25 30
73 His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu Arg His Leu
74 35 40 45
75 Ala Asp Arg Gln Arg His Asp
76 50 55
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 38
80 <212> TYPE: PRT
81 <213> ORGANISM: Mus musculus
83 <400> SEQUENCE: 4
84 Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu Arg His Leu Thr Asp
85 1 5 10 15
86 Arg Leu Gly His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu
87 20 25 30
88 Ser His Pro Thr Gln Thr
89 35
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 45
93 <212> TYPE: PRT
94 <213> ORGANISM: Mus musculus
96 <400> SEQUENCE: 5
97 Asp Arg Leu Gly His Leu Thr Asp Arg Leu Lys His Leu Thr Asp Arg
98 1 5 10 15
99 Leu Gly His Leu Thr Asp Arg Leu Val His Leu Thr Asp Arg Leu Met
100 20 25 30
101 His Leu Thr Asp Arg Leu Arg His Leu Ala Val Arg Gln
102 35 40 45
104 <210> SEQ ID NO: 6
105 <211> LENGTH: 55
106 <212> TYPE: PRT
107 <213> ORGANISM: Mus musculus
109 <400> SEQUENCE: 6

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110 Asp Lys Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg
111 1 5 10 15
112 Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu Met
113 20 25 30
114 His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu Arg His Leu
115 35 40 45
116 Ala Asp Arg Arg His Asp
117 50 55
119 <210> SEQ ID NO: 7
120 <211> LENGTH: 55
121 <212> TYPE: PRT
122 <213> ORGANISM: Mus musculus
124 <400> SEQUENCE: 7
125 Asp Lys Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg
126 1 5 10 15
127 Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu Met
128 20 25 30
129 His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Pro Arg His Leu
130 35 40 45
131 Ala Asp Arg Gln Arg His Asp
132 50 55
134 <210> SEQ ID NO: 8
135 <211> LENGTH: 55
136 <212> TYPE: PRT
137 <213> ORGANISM: Mus musculus
139 <400> SEQUENCE: 8
140 Asp Lys Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg
141 1 5 10 15
142 Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu Met
143 20 25 30
144 His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu Gly His Leu
145 35 40 45
146 Ala Asp Arg Gln Arg His Asp
147 50 55
149 <210> SEQ ID NO: 9
150 <211> LENGTH: 45
151 <212> TYPE: PRT
152 <213> ORGANISM: Mus musculus
154 <400> SEQUENCE: 9
155 Asp Arg Leu Gly His Leu Thr Asp Arg Leu Lys His Leu Thr Asp Arg
156 1 5 10 15
157 Leu Gly His Leu Thr Asp Arg Leu Ile His Leu Thr Asp Arg Leu Met
158 20 25 30
159 His Leu Thr Asp Arg Leu Arg His Leu Ala Val Arg Gln
160 35 40 45
162 <210> SEQ ID NO: 10
163 <211> LENGTH: 38
164 <212> TYPE: PRT
165 <213> ORGANISM: Mus musculus

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Input Set : A:\PTO.DA.txt
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167 <400> SEQUENCE: 10
168 Gly His Leu Thr Asp Arg Leu Arg His Leu Thr Asp Arg Leu Gly His
169 1 5 10 15
170 Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu Met His Leu Thr
171 20 25 30
172 Asp Arg Leu Arg Gln Arg
173 35
175 <210> SEQ ID NO: 11
176 <211> LENGTH: 31
177 <212> TYPE: PRT
178 <213> ORGANISM: Mus musculus
180 <400> SEQUENCE: 11
181 Gly His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu Met His
182 1 5 10 15
183 Leu Thr Asp Arg Leu Arg His Leu Ala Asp Arg Gln Arg His Asp
184 20 25 30
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 38
188 <212> TYPE: PRT
189 <213> ORGANISM: Mus musculus
191 <400> SEQUENCE: 12
192 Thr Asp Gly Leu Gly His Leu Thr Asp Arg Leu Arg His Leu Thr Asp
193 1 5 10 15
194 Arg Leu Gly His Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu
195 20 25 30
196 Arg His Leu Ala Asp Gln
197 35
199 <210> SEQ ID NO: 13
200 <211> LENGTH: 45
201 <212> TYPE: PRT
202 <213> ORGANISM: Mus musculus
204 <400> SEQUENCE: 13
205 Asp Arg Leu Gly His Leu Thr Asp Ile Leu Lys His Leu Thr Asp Arg
206 1 5 10 15
207 Leu Gly His Leu Thr Asp Arg Leu Ile His Leu Thr Asp Arg Leu Met
208 20 25 30
209 His Leu Thr Asp Arg Leu Arg His Leu Ala Val Arg Gln
210 35 40 45
212 <210> SEQ ID NO: 14
213 <211> LENGTH: 55
214 <212> TYPE: PRT
215 <213> ORGANISM: Mus musculus
217 <400> SEQUENCE: 14
218 Asp Lys Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg
219 1 5 10 15
220 Leu Arg His Leu Thr Asp Arg Leu Gly His Leu Thr Asp Arg Leu Met
221 20 25 30
222 Arg Leu Thr Asp Arg Leu Met His Leu Thr Asp Arg Leu Arg His Leu
223 35 40 45

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Input Set : A:\PTO.DA.txt
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224 Ala Asp Arg Gln Arg His Asp
225 50 55
227 <210> SEQ ID NO: 15
228 <211> LENGTH: 281
229 <212> TYPE: PRT
230 <213> ORGANISM: Mus musculus
232 <400> SEQUENCE: 15
233 Met Ala Thr Asn Phe Leu Ala His Glu Lys Ile Trp Phe Asp Lys Phe
234 1 5 10 15
235 Lys Tyr Asp Asp Ala Glu Arg Arg Phe Tyr Glu Gln Met Asn Gly Pro
236 20 25 30
237 Val Thr Ser Gly Ser Arg Gln Glu Asn Gly Ala Ser Val Ile Leu Arg
238 35 40 45
239 Asp Ile Ala Arg Ala Arg Glu Asn Ile Gln Lys Ser Leu Ala Gly Ser
240 50 55 60
241 Ser Gly Pro Gly Ala Ser Ser Gly Pro Gly Gly Asp His Ser Glu Leu
242 65 70 75 80
243 Ile Val Arg Ile Thr Ser Leu Glu Val Glu Asn Gln Asn Leu Arg Gly
244 85 90 95
245 Val Val Gln Asp Leu Gln Gln Ala Ile Ser Lys Leu Gln Ala Arg Leu
246 100 105 110
247 Ser Ser Leu Glu Lys Ser Ser Pro Thr Pro Arg Ala Thr Ala Pro Gln
248 115 120 125
249 Thr Gln His Val Ser Pro Met Arg Gln Val Glu Pro Pro Thr Lys Lys
250 130 135 140
251 Gly Ala Thr Pro Ala Glu Asp Asp Glu Asp Lys Asp Ile Asp Leu Phe
252 145 150 155 160
253 Gly Ser Asp Glu Glu Glu Asp Lys Glu Ala Ala Arg Leu Arg Glu
254 165 170 175
255 Glu Arg Leu Arg Gln Tyr Ala Glu Lys Lys Ala Lys Lys Pro Thr Leu
256 180 185 190
257 Val Ala Lys Ser Ser Ile Leu Leu Asp Val Lys Pro Trp Asp Asp Glu
258 195 200 205
259 Thr Asp Met Ala Gln Leu Glu Thr Cys Val Arg Ser Ile Gln Leu Asp
260 210 215 220
261 Gly Leu Val Trp Gly Ala Ser Lys Leu Val Pro Val Gly Tyr Gly Ile
262 225 230 235 240
263 Arg Lys Leu Gln Ile Gln Cys Val Val Glu Asp Asp Lys Val Gly Thr
264 245 250 255
265 Asp Leu Leu Glu Glu Ile Thr Lys Phe Glu Glu His Val Gln Ser
266 260 265 270
267 Val Asp Ile Ala Ala Phe Asp Lys Ile
268 275 280
270 <210> SEQ ID NO: 16
271 <211> LENGTH: 54
272 <212> TYPE: PRT
273 <213> ORGANISM: Mus musculus
275 <400> SEQUENCE: 16
276 His Ser Glu Leu Ile Val Arg Ile Thr Ser Leu Glu Val Glu Asn Gln

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/14/2006
PATENT APPLICATION: US/10/538,410 TIME: 10:38:25

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:176; N Pos. 24,25,26,27,28,29,30,31,32

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:3136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176 after pos.:0